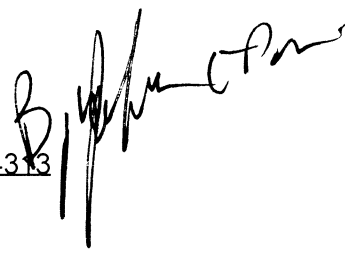


DATE: August 25, 2004

TO: Municipal Clerk

FROM: Byron E. Johnson, C.P.M.
Director of Purchasing - X4313



THRU: Aurora Wells
Interim Bid Clerk, -X4038

Please place the following item on the **REGULAR** agenda for the Council Meeting of **AUGUST 31, 2004.**

Bid No.: 2004-204 Airfield Lighting and Controls
Contractor: EAS Contracting, L. P.
Dallas, Texas
Department: Airport
Funds Available: 62620031-G620AIP0021-11510-508027
Funding Source: Federal Aviation Administration Grant
Items: Base Bid I \$4,076,260.00
Base Bid II \$1,508,108.00
Total Award: \$5,584,368.00
Districts: 2

RECOMMENDATION:

The Departments of Aviation, Purchasing and Engineering, recommend the award of this contract to EAS Contracting, L. P. the low responsible, responsive bidder. It is requested that the Mayor of the City of El Paso be authorized to sign the referenced contract approved by the City Engineer, Contract Compliance, and the City Attorney. Additionally, it is requested that the Mayor be authorized to execute budget transfers for this award and project, as necessary.

Work under the unit price component is only an estimated value or not to exceed amount and will be ordered, performed, invoiced and paid by measured quantity. The actual cost of the unit price component will be the sum total of unit prices at the end of the contract term.

Contact Person: Barbara Crumley, Administrative Analyst at 541-4113.

AGENDA FOR: **AUGUST 31, 2004**

Agenda Item Form

Agenda Date: 8/31/04

Districts Affected: 2

Dept. Head/Contact Information: Byron Johnson, Director, Purchasing Department

Type of Agenda Item:

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Resolution | <input type="checkbox"/> Staffing Table Changes | <input type="checkbox"/> Board Appointments |
| <input type="checkbox"/> Tax Installment Agreements | <input type="checkbox"/> Tax Refunds | <input type="checkbox"/> Donations |
| <input type="checkbox"/> RFP/ BID/ Best Value Procurement | <input type="checkbox"/> Budget Transfer | <input type="checkbox"/> Item Placed by Citizen |
| <input type="checkbox"/> Application for Facility Use | <input type="checkbox"/> Bldg. Permits/Inspection | <input type="checkbox"/> Introduction of Ordinance |
| <input type="checkbox"/> Interlocal Agreements | <input type="checkbox"/> Contract/Lease Agreement | <input type="checkbox"/> Grant Application |
| <input type="checkbox"/> Other _____ | | |

Funding Source:

- ☐ General Fund
- ☐ Grant (duration of funds: _____ Months)
- ☒ Other Source: Federal Aviation Administration Grant

Legal:

- ☒ Legal Review Required Attorney Assigned (please scroll down): Ruth Reyes ☐ Approved ☐ Denied

Timeline Priority: ☐ High ☒ Medium ☐ Low # of days: _____

Why is this item necessary:

To award construction project.

Explain Costs, including ongoing maintenance and operating expenditures, or Cost Savings:

Cost of Project is \$5,584,368.00. Any ongoing maintenance or operating expenditures will come from operating accounts.

Statutory or Citizen Concerns:

N/A

Departmental Concerns:

N/A

CONSTRUCTION PROJECT FORM
Unit Price

DATE: August 25, 2004

PROJECT: Airfield Lighting and and Controls

BID NO: 2004-204

ACCOUNT NO: 62620031-G620AIP0021-11510-508027

FUNDING SOURCE: Federal Aviation Administration Grant

DEPARTMENT: Airport

REPRESENTATIVE DISTRICT (S): Cushing, 2

AGENDA DATE: August 31, 2004

Lowest responsive and responsible bidder

CONTRACTOR: EAS Contracting, L. P.

ESTIMATED AMOUNT: \$5,584,368.00

RECOMMENDATION:

The Departments of Aviation, Purchasing and Engineering, recommend the award of this contract to EAS Contracting, L. P. the low responsible, responsive bidder. It is requested that the Mayor of the City of El Paso be authorized to sign the referenced contract approved by the City Engineer, Contract Compliance, and the City Attorney. Additionally, it is requested that the Mayor be authorized to execute budget transfers for this award and project, as necessary.

Work under the unit price component is only an estimated value or not to exceed amount and will be ordered, performed, invoiced and paid by measured quantity. The actual cost of the unit price component will be the sum total of unit prices at the end of the contract term.

DESCRIPTION OR EXPLANATION:

Base Bid I \$4,076,260.00

Base Bid II \$1,508,108.00

TOTAL RECOMMENDED AWARD: \$5,584,368.00 (Estimate)

TIME FOR COMPLETION: 280 Consecutive Calendar Days

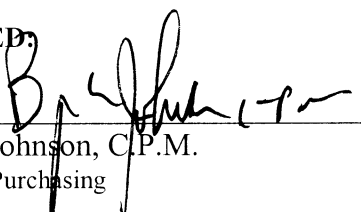
LIQUIDATED DAMAGES: \$2,598.00 / Consecutive Calendar Day

COUNCIL or MASS TRANSIT BOARD: Approved ☐ Rejected ☐

Municipal Clerk _____

Date _____

APPROVED:



Byron E. Johnson, C.P.M.
Director of Purchasing

DATE: August 25, 2004
TO: Municipal Clerk
FROM: Byron E. Johnson, C.P.M.
Director of Purchasing - X4313
THRU: Aurora Wells
Interim Bid Clerk, -X4038

Please place the following item on the REGULAR agenda for the Council Meeting of August 31, 2004:

Bid No. 2004-204
Contractor: EAS Contracting, L. P.
Dallas, Texas
Department: Airport
Funds Available: 62620031-G620AIP0021-11510-508027
Funding Source: Federal Aviation Administration Grant
Items: Base Bid I \$4,076,260.00
Base Bid II \$1,508,108.00
Total Award: \$5,584,368.00
Districts: 2

RECOMMENDATION:

The Departments of Aviation, Purchasing and Engineering, recommend the award of this contract to EAS Contracting, L. P. the low responsible, responsive bidder. It is requested that the Mayor of the City of El Paso be authorized to sign the referenced contract approved by the City Engineer, Contract Compliance, and the City Attorney. Additionally, it is requested that the Mayor be authorized to execute budget transfers for this award and project, as necessary.

Work under the unit price component is only an estimated value or not to exceed amount and will be ordered, performed, invoiced and paid by measured quantity. The actual cost of the unit price component will be the sum total of unit prices at the end of the contract term.

Contact Person: Barbara Crumley, Administrative Analyst

AGENDA FOR: August 31, 2004

SCOPE OF WORK

AIRFIELD LIGHTING AND CONTROLS Bid No. 2004-204

PROJECT DESCRIPTION

This project consists of construction work at El Paso International Airport, El Paso, Texas, including but not limited to the following items of work:

- **Base Bid I - Replacement of Airfield Electrical System and Light Fixtures.**
 - Install new ducts parallel to runways 4-22 and 8R-26L outside of the RSAs.
 - Install dedicated sign circuits.
 - Interleave runway edge light circuits for runways 4-22 and 8R-26L.
 - Replace indicated power cabling and lighting fixtures.
 - Install new power cabling, taxiway edge lighting and signs.
- **Base Bid II - New Airfield Lighting Vault and Controls.**
 - Construct CMU building.
 - New utilities for Lighting Vault.
 - New Vault work shall include unclassified excavation and AC pavements.
 - Install a new computer based Airfield Lighting Control System (ALCS).
 - Relocate FAA RVR interface equipment.
 - Install two new 20-ft security gates and operators.
 - Install new Airport Beacon on top of ATCT cab.

SEQUENCE OF CONSTRUCTION AND TIME OF COMPLETION

The following scheduling requirements are being provided to serve as supplemental information in preparation of the bid, as well as the sequencing of construction. General construction phasing plans are included in the construction drawings. It is not the intent of these Special Provisions or the construction plan to dictate to the Contractor his/her means and methods for the construction of this project. The contractor shall review these provisions and the construction plans and submit his work plan and sequence of construction to the Engineer five (5) days after the Notice to Proceed for approval prior to construction.

The Contractor agrees to commence work on a date to be specified in a written "*Notice to Proceed*" that of the Owner and to Substantially Complete the project, including but not limited to the new airfield electrical systems, ALCS and new Airfield Lighting Vault and associated utilities, earthwork and pavement and their components, shall be completed in Two Hundred Eighty (280) consecutive calendar days.

BASE BID I - Airfield Electrical System Construction– This item is for the work to replace all of the airfield lighting system including cables, fixtures and isolation transformers including the installation of new conduit and duct system as shown on the plans and described in the *Project Description* section of the scope of work.

It is the intention of the plans and specifications that the Contractor will be allowed to work in negotiated phases any time day or night. The contractor shall notify Airport Operations of the phase and timing of the construction operation so the Airport can issue the required NOTAM's when necessary. The Contractor shall be advised that the work being completed is near active runways and taxiways and FAA control Tower. The Contractor shall not interrupt the operations of the airlines at the airport in accordance with the phasing plans. It is the Contractor's responsibility to maintain the right of way for the landing, departing or taxiing aircraft and the elimination of foreign object debris at no additional cost to the airport.

BASE BID II - Airfield Lighting Vault and Controls – This item is for the work to construct a new Airfield Lighting Vault, and all associated utilities, access and parking areas, and a new Airfield Lighting Control System as shown on the plans and described in the *Project Description* section of the scope of work.

It is the intention of the plans and specifications that the Contractor will be allowed to work any time day or night. The contractor shall notify Airport Operations of the phase and timing of the construction operation so the Airport can issue the required NOTAM's when necessary. The Contractor shall be advised that some of the work being completed is in the FAA Control Tower. The contractor shall not interrupt the operations of aircraft at the airport in accordance with the phasing plans.

If the resident Engineer, City or Airport staff observe that any of the construction is producing smoke or dust that might inhibit aircraft operations, that operation shall be temporarily suspended and continued at night.

Any uncompleted construction will need proper barricades and no vertical drop of 3 inches or more will be allowed.

The Contractor shall prepare a detailed construction schedule for the project. The construction schedule shall be submitted at the pre-construction meeting and must be approved by the Engineer.

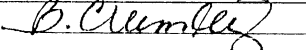
Additional limitations, restrictions and requirements that will apply to the Contractors operations during construction of this project are discussed in FAA Advisory Circular 150/5370-2C, a copy of which is appended to these specifications.

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS
 BID DATE: JULY 28, 2004

BID NO: 2004-204
 DEPART: AIRPORT

					A U I, INC. ALBUQUERQUE, NM		CACHE VALLEY ELECTRIC SALT LAKE CITY, UT		EAS CONTRACTING, L.P. DALLAS, TEXAS		F & W ELECTRICAL CONTRACTORS INC. EL PASO, TEXAS	
ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
BASE BID I - AIRFIELD LIGHTING												
1.	Mobilization/Demobilization (mobilization to include cost of payment and performance bonds) (not to exceed 5% of both Base Bid I and Base Bid II)	P-101-4.1	1	LS	\$772,011.00	\$772,011.00	\$355,314.69	\$355,314.69	\$275,000.00	\$275,000.00	\$300,000.00	\$300,000.00
2.	Electrical Demolition and Salvage	L-100-5.1	1	LS	\$107,949.00	\$107,949.00	\$553,603.17	\$553,603.17	\$21,830.00	\$21,830.00	\$250,000.00	\$250,000.00
3.	New L-824, Type C, 1/C, #8, 5KV, Cable (Temporary)	L-105-5.1	5,000	LF	\$11.10	\$55,500.00	\$1.77	\$8,850.00	\$1.50	\$7,500.00	\$0.75	\$3,750.00
4.	Used L-824, Type C, 1/C, #8, 5 kV cable (Temporary)	L-105-5.2	5,000	LF	\$6.00	\$30,000.00	\$1.70	\$8,500.00	\$0.50	\$2,500.00	\$0.50	\$2,500.00
5.	Single-way 2" Conduit, Temporary (Allowance)	L-105-5.3	2,000	LF	\$5.20	\$10,400.00	\$3.19	\$6,380.00	\$1.60	\$3,200.00	\$4.00	\$8,000.00
6.	Temporary Guidance Sign - Size 3 (allowance)	L-105-5.4	6	Each	\$3,236.90	\$19,421.40	\$2,832.02	\$16,992.12	\$1,737.00	\$10,422.00	\$1,850.00	\$11,100.00
7.	Relocate Temporary Guidance Sign - Size 3 (Allowance)	L-105-5.5	6	Each	\$820.90	\$4,925.40	\$2,260.68	\$13,564.08	\$798.00	\$4,788.00	\$800.00	\$4,800.00
8.	Temporary Guidance Sign - Reflective (Allowance)	L-105-5.6	6	Each	\$1,584.10	\$9,504.60	\$683.74	\$4,102.44	\$422.00	\$2,532.00	\$3,000.00	\$18,000.00
9.	Change Sign Panel - Size 3 (Allowance)	L-105-5.7	6	Each	\$742.10	\$4,452.60	\$555.64	\$3,333.84	\$438.00	\$2,628.00	\$400.00	\$2,400.00
10.	Temporary Taxiway Edge Light (Allowance)	L-105-5.8	100	Each	\$1,358.90	\$135,890.00	\$1,138.91	\$113,891.00	\$222.00	\$22,200.00	\$485.00	\$48,500.00
11.	Temporary Fixture/Reflector Removal (Allowance)	L-105-5.9	100	Each	\$200.80	\$20,080.00	\$74.27	\$7,427.00	\$22.00	\$2,200.00	\$120.00	\$12,000.00
12.	L-824, Type C, 1/C #8, 5kV cable	L-108-5.1	700,000	LF	\$0.40	\$280,000.00	\$0.54	\$378,000.00	\$0.80	\$560,000.00	\$0.50	\$350,000.00
13.	1/C #6 AWG B.C. Installed in existing Conduit or Duct	L-108-5.2	350,000	LF	\$0.40	\$140,000.00	\$0.45	\$157,500.00	\$0.50	\$175,000.00	\$0.55	\$192,500.00
14.	Single-Way 2" Conduit, Concrete Encased in Existing Asphalt Pavement	L-110-5.1	8,000	LF	\$21.20	\$169,600.00	\$28.62	\$228,960.00	\$10.00	\$80,000.00	\$16.00	\$128,000.00
15.	Multi-Way Duct, (4) 4" Conduit, C.E. (Airport/FAA Communications)	L-110-5.2	5,200	LF	\$35.80	\$186,160.00	\$41.22	\$214,344.00	\$23.50	\$122,200.00	\$35.00	\$182,000.00

CHECKED BY: 

2004-204 CONSTRUCTION OF AIRFIELD LIGHTING AND CONTROLS

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS
 BID DATE: JULY 28, 2004

BID NO: 2004-204
 DEPART: AIRPORT

					A U I, INC. ALBUQUERQUE, NM		CACHE VALLEY ELECTRIC SALT LAKE CITY, UT		EAS CONTRACTING, L.P. DALLAS, TEXAS		F & W ELECTRICAL CONTRACTORS INC. EL PASO, TEXAS	
ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
16	Multi-way Duct, (24) 2" Conduit, Direct Buried	L-110-5.3	2,000	LF	\$56.90	\$113,800.00	\$88.72	\$177,440.00	\$59.00	\$118,000.00	\$85.00	\$170,000.00
17	Multi-way Duct, (18) 2" Conduit, Direct Buried	L-110-5.4	3,500	LF	\$49.40	\$172,900.00	\$73.57	\$257,495.00	\$48.00	\$168,000.00	\$70.00	\$245,000.00
18	Multi-way Duct, (8) 2" Conduit, Direct Buried	L-110-5.5	3,400	LF	\$33.90	\$115,260.00	\$47.42	\$161,228.00	\$29.00	\$98,600.00	\$35.00	\$119,000.00
19	Multi-way Duct, (6) 2" Conduit, Direct Buried	L-110-5.6	9,500	LF	\$25.30	\$240,350.00	\$36.16	\$343,520.00	\$20.50	\$194,750.00	\$30.00	\$285,000.00
20	Multi-way Duct, (4) 2" Conduit, Direct Buried	L-110-5.7	4,600	LF	\$23.00	\$105,800.00	\$25.47	\$117,162.00	\$17.00	\$78,200.00	\$20.00	\$92,000.00
21	Single-way 2" Conduit, Direct Buried	L-110-5.8	19,000	LF	\$9.50	\$180,500.00	\$4.05	\$76,950.00	\$6.30	\$119,700.00	\$9.00	\$171,000.00
22	Multi-way Duct (14) 2" Conduit, Directional Bore	L-110-5.9	800	LF	\$205.90	\$164,720.00	\$356.80	\$285,440.00	\$83.00	\$66,400.00	\$130.00	\$104,000.00
23	Multi-way Duct (7) 2" Conduit, Directional Bore	L-110-5.10	4,000	LF	\$118.10	\$472,400.00	\$303.33	\$1,213,320.00	\$62.25	\$249,000.00	\$75.00	\$300,000.00
24	Multi-way Duct (4) 2" Conduit, Directional Bore	L-110-5.11	200	LF	\$127.10	\$25,420.00	\$300.05	\$60,010.00	\$60.00	\$12,000.00	\$65.00	\$13,000.00
25	Multi-way Duct (4) 4" Conduit, Directional Bore (Airport/FAA Communications)	L-110-5.12	800	LF	\$167.50	\$134,000.00	\$304.71	\$243,768.00	\$82.00	\$65,600.00	\$70.00	\$56,000.00
26	Single-way 4" Split Conduit / Concrete Encased (Allowance)	L-110-5.15	2,000	LF	\$24.50	\$49,000.00	\$19.56	\$39,120.00	\$8.00	\$16,000.00	\$45.00	\$90,000.00
27	Single-way 2" Conduit, Direct Buried (Contingency Allowance)	L-110-5.16	2,000	LF	\$7.40	\$14,800.00	\$3.95	\$7,900.00	\$7.00	\$14,000.00	\$9.00	\$18,000.00
28	Manhole, Furnished & Installed	L-127-5.1	3	Each	\$10,708.00	\$32,124.00	\$12,606.38	\$37,819.14	\$8,170.00	\$24,510.00	\$10,750.00	\$32,250.00
29	Intercept Manhole, Furnished & installed	L-127-5.2	2	Each	\$11,413.00	\$22,826.00	\$10,070.14	\$20,140.28	\$8,800.00	\$17,600.00	\$29,000.00	\$58,000.00

CHECKED BY: _____

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS
 BID DATE: JULY 28, 2004

BID NO: 2004-204
 DEPART: AIRPORT

					A U I, INC. ALBUQUERQUE, NM		CACHE VALLEY ELECTRIC SALT LAKE CITY, UT		EAS CONTRACTING, L.P. DALLAS, TEXAS		F & W ELECTRICAL CONTRACTORS INC. EL PASO, TEXAS	
ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
30	Handhole, Type I, Furnished and installed	L-127-5.3	65	Each	\$5,757.00	\$374,205.00	\$7,434.86	\$483,265.90	\$6,000.00	\$390,000.00	\$4,850.00	\$315,250.00
31	Intercept Handhold, Furnished & Installed	L-127-5.4	2	Each	\$7,280.00	\$14,560.00	\$9,371.19	\$18,742.38	\$6,469.00	\$12,938.00	\$7,500.00	\$15,000.00
32	Raise Handhole to Grade	L-127-5.5	15	Each	\$5,809.00	\$87,135.00	\$5,655.09	\$84,826.35	\$2,400.00	\$36,000.00	\$12,000.00	\$180,000.00
33	In-Pavement High Intensity Runway Edge Light (HIRL) on New L-868 Base	L-850-4.1	17	Each	\$1,702.00	\$28,934.00	\$1,192.79	\$20,277.43	\$1,246.00	\$21,182.00	\$1,265.00	\$21,505.00
34	Spare In-Pavement High Intensity Runway Edge Light (HIRL)	L-850-4.2	2	Each	\$467.00	\$934.00	\$379.89	\$759.78	\$584.00	\$1,168.00	\$580.00	\$1,160.00
35	In-Pavement Medium Intensity Taxiway Edge Light	L-852E-4.1	39	Each	\$500.00	\$19,500.00	\$1,306.51	\$50,953.89	\$999.00	\$38,961.00	\$1,000.00	\$39,000.00
36	Replace Multi-Step Sign Electronics with Single-Step	L-858-6.1	200	Each	\$516.00	\$103,200.00	\$380.62	\$76,124.00	\$214.00	\$42,800.00	\$500.00	\$100,000.00
37	New Guidance Sign Isolation Transformer	L-858-6.2	5	Each	\$683.00	\$3,415.00	\$103.68	\$518.40	\$170.00	\$850.00	\$270.00	\$1,350.00
38	New Size 3, Two-panel Guidance sign Complete with Concrete Base, Base Can, Isolation Transformer and Connection with New Base	L-858-6.3	4	Each	\$3,777.00	\$15,108.00	\$3,136.55	\$12,546.20	\$3,179.00	\$12,716.00	\$2,300.00	\$9,200.00
39	New Size 3, Three-panel Guidance sign Complete with Concrete Base, Base Can, Isolation Transformer and Connection with New Base	L-858-6.4	1	Each	\$5,530.00	\$5,530.00	\$4,780.14	\$4,780.14	\$3,124.00	\$3,124.00	\$2,750.00	\$2,750.00
40	New Size 3, Six-Panel Guidance Sign Complete with Concrete Base, Base Can, Isolation Transformer and Connection with New Base	L-858-6.5	4	Each	\$9,976.00	\$39,904.00	\$7,996.08	\$31,984.32	\$4,962.00	\$19,848.00	\$4,700.00	\$18,800.00
41	New Size 3, Two-panel Guidance Sign Panel	L-858-6.6	1	Each	\$747.00	\$747.00	\$555.63	\$555.63	\$899.00	\$899.00	\$1,150.00	\$1,150.00
42	Relocate Size 3, Two-panel Guidance Sign Panel	L-858-6.7	1	Each	\$1,405.00	\$1,405.00	\$66.29	\$66.29	\$1,094.00	\$1,094.00	\$1,600.00	\$1,600.00
43	Elevated Medium Intensity Runway Edge Light On Existing L-867 Base Can	L-861-4.1	61	Each	\$236.00	\$14,396.00	\$211.51	\$12,902.11	\$214.00	\$13,054.00	\$220.00	\$13,420.00

CHECKED BY: _____

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS

BID NO: 2004-204

BID DATE: JULY 28, 2004

DEPART: AIRPORT

					A U I, INC. ALBUQUERQUE, NM		CACHE VALLEY ELECTRIC SALT LAKE CITY, UT		EAS CONTRACTING, L.P. DALLAS, TEXAS		F & W ELECTRICAL CONTRACTORS INC. EL PASO, TEXAS	
ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
44	Spare Elevated Medium Intensity Runway Edge Light	L-861-4.2	6	Each	\$145.00	\$870.00	\$113.92	\$683.52	\$135.00	\$810.00	\$130.00	\$780.00
45	Elevated Medium Intensity Runway Threshold Light on Existing L-867 Base Can	L-861-4.3	12	Each	\$384.00	\$4,608.00	\$350.52	\$4,206.24	\$278.00	\$3,336.00	\$300.00	\$3,600.00
46	Spare Elevated Medium Intensity Runway Threshold Light	L-861-4.4	4	Each	\$333.00	\$1,332.00	\$252.94	\$1,011.76	\$197.00	\$788.00	\$210.00	\$840.00
47	Elevated Medium Intensity Taxiway Edge Light on Existing L-867 Base Can	L-861T-4.1	1,464	Each	\$208.00	\$304,512.00	\$211.88	\$310,192.32	\$211.00	\$308,904.00	\$215.00	\$314,760.00
48	Spare Elevated Medium Intensity Taxiway Edge Light	L-861T-4.2	50	Each	\$141.00	\$7,050.00	\$114.31	\$5,715.50	\$133.00	\$6,650.00	\$135.00	\$6,750.00
49	Elevated High Intensity Runway Edge Light on Existing L-867 Base Can	L-862-4.1	188	Each	\$325.00	\$61,100.00	\$293.44	\$55,166.72	\$270.00	\$50,760.00	\$270.00	\$50,760.00
50	Spare Elevated High Intensity Runway Edge Light	L-862-4.2	18	Each	\$236.00	\$4,248.00	\$196.07	\$3,529.26	\$189.00	\$3,402.00	\$190.00	\$3,420.00
51	Elevated High Intensity Runway Threshold Light on Existing L-867 Base Can	L-862E-4.1	36	Each	\$369.00	\$13,284.00	\$308.40	\$11,102.40	\$299.00	\$10,764.00	\$310.00	\$11,160.00
52	Spare Elevated High Intensity Runway Threshold Light	L-862E-4.2	8	Each	\$266.00	\$2,128.00	\$210.57	\$1,684.56	\$219.00	\$1,752.00	\$220.00	\$1,760.00
53	Replace Existing Handhole w/L-867 Size D Junction Can	L-867-4.1	1,000	Each	\$1,059.00	\$1,059,000.00	\$395.39	\$395,390.00	\$553.00	\$553,000.00	\$400.00	\$400,000.00
54	Drill Drain Holes in Existing L-867 Bases	L-867-4.2	200	Each	\$38.00	\$7,600.00	\$90.18	\$18,036.00	\$33.00	\$6,600.00	\$45.00	\$9,000.00
55	Trench Safety and Shoring (for MH Installation)	2221-4.1	1	LS	\$5,453.00	\$5,453.00	\$18,900.00	\$18,900.00	\$500.00	\$500.00	\$6,000.00	\$6,000.00
SUM TOTAL BASE BID I - AIRFIELD LIGHTING ITEMS 1 TO 55					\$5,969,952.00		\$6,735,995.86		\$4,076,260.00		\$4,795,815.00	

CHECKED BY: _____

2004-204 CONSTRUCTION OF AIRFIELD LIGHTING AND CONTROLS

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS
 BID DATE: JULY 28, 2004

BID NO: 2004-204
 DEPART: AIRPORT

					A U I, INC. ALBUQUERQUE, NM		CACHE VALLEY ELECTRIC SALT LAKE CITY, UT		EAS CONTRACTING, L.P. DALLAS, TEXAS		F & W ELECTRICAL CONTRACTORS INC. EL PASO, TEXAS	
ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
BASE BID II - AIRFIELD LIGHTING VAULT AND CONTROLS												
1	Trench Safety and Shoring (for Miscellaneous Utility Trenching)	2221-4.2	300	LF	\$3.30	\$990.00	\$2.63	\$789.00	\$12.00	\$3,600.00	\$10.00	\$3,000.00
2	1" PVC Water Distribution	2510-3.11A	320	LF	\$12.20	\$3,904.00	\$5.79	\$1,852.80	\$3.00	\$960.00	\$6.10	\$1,952.00
3	4" PVC Sanitary Sewer	2530-3.7A	275	LF	\$11.10	\$3,052.50	\$20.21	\$5,557.75	\$7.00	\$1,925.00	\$15.00	\$4,125.00
4	1" PE SDR 11 Gas Piping	2553-3.7A	370	LF	\$8.90	\$3,293.00	\$8.36	\$3,093.20	\$6.00	\$2,220.00	\$15.00	\$5,550.00
5	Asphaltic Concrete Pavement	03305-5.1	35	TON	\$85.40	\$2,989.00	\$262.08	\$9,172.80	\$606.00	\$21,210.00	\$125.00	\$4,375.00
6	20-Foot Slide Gate	F-162-4.1	2	Each	\$5,318.00	\$10,636.00	\$4,656.29	\$9,312.58	\$8,682.00	\$17,364.00	\$5,500.00	\$11,000.00
7	Slide Gate Operator	F-162-4.2	2	Each	\$13,736.00	\$27,472.00	\$3,822.00	\$7,644.00	\$3,482.00	\$6,964.00	\$16,500.00	\$33,000.00
8	Security Gate Miscellaneous	F-162-4.3	1	LS	\$36,445.00	\$36,445.00	\$39,638.01	\$39,638.01	\$3,459.00	\$3,459.00	\$12,000.00	\$12,000.00
9	Vault Electrical Service (Does Not Include EPECo Distribution) r:	L-100-5.2	1	LS	\$20,829.00	\$20,829.00	\$22,781.38	\$22,781.38	\$20,157.00	\$20,157.00	\$10,000.00	\$10,000.00
10	Regulator Testing	L-100a - 2.1	1	LS	\$9,094.00	\$9,094.00	\$9,144.29	\$9,144.29	\$8,625.00	\$8,625.00	\$7,200.00	\$7,200.00
11	12 Fiber 50-125 Fiber Optic Cable In Conduit or Duct	L-108-5.3	7,000	LF	\$3.20	\$22,400.00	\$4.37	\$30,590.00	\$1.86	\$13,020.00	\$7.50	\$52,500.00
12	Four-Cell Innerduct	L-108-5.4	7,000	LF	\$3.60	\$25,200.00	\$4.45	\$31,150.00	\$2.00	\$14,000.00	\$4.75	\$33,250.00
13	Electrical Vault Building, Complete	L-109-5.1	1	LS	\$369,138.00	\$369,138.00	\$560,084.80	\$560,084.80	\$649,828.00	\$649,828.00	\$398,500.00	\$398,500.00

CHECKED BY: _____

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS
 BID DATE: JULY 28, 2004

BID NO: 2004-204
 DEPART: AIRPORT

					A U I, INC. ALBUQUERQUE, NM		CACHE VALLEY ELECTRIC SALT LAKE CITY, UT		EAS CONTRACTING, L.P. DALLAS, TEXAS		F & W ELECTRICAL CONTRACTORS INC. EL PASO, TEXAS	
ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
14	New 30 kW Regulator, Installed	L-109-5.2	5	Each	\$14,998.00	\$74,990.00	\$29,230.95	\$146,154.75	\$9,494.00	\$47,470.00	\$12,000.00	\$60,000.00
15	New 20 kW Regulator, Installed	L-109-5.3	4	Each	\$14,596.00	\$58,384.00	\$28,900.30	\$115,601.20	\$8,412.00	\$33,648.00	\$10,500.00	\$42,000.00
16	New 15 kW Regulator, Installed	L-109-5.4	5	Each	\$13,675.00	\$68,375.00	\$28,021.44	\$140,107.20	\$7,498.00	\$37,490.00	\$9,500.00	\$47,500.00
17	New 10 kW Regulator, Installed	L-109-5.5	1	Each	\$13,367.00	\$13,367.00	\$28,265.11	\$28,265.11	\$6,331.00	\$6,331.00	\$8,850.00	\$8,850.00
18	Relocated 30 kW Regulator, Installed	L-109-5.6	4	Each	\$12,561.00	\$50,244.00	\$29,310.90	\$117,243.60	\$607.00	\$2,428.00	\$3,600.00	\$14,400.00
19	Installation of Vault Electrical Equipment	L-109-5.7	1	LS	\$148,104.00	\$148,104.00	\$196,130.25	\$196,130.25	\$69,705.00	\$69,705.00	\$170,000.00	\$170,000.00
20	Installation of Vault Mechanical Equipment, In Place	L-109-5.8	1	LS	\$95,309.00	\$95,309.00	\$75,457.20	\$75,457.20	\$41,922.00	\$41,922.00	\$35,000.00	\$35,000.00
21	Installation of Vault Fire Suppression System, In Place	L-109-5.9	1	LS	\$105,383.00	\$105,383.00	\$99,006.71	\$99,006.71	\$68,477.00	\$68,477.00	\$108,000.00	\$108,000.00
22	Package 500 kW Generator Set including including ATS, Accessories and Connections in Walk-In Weather Protective Enclosure as single unit	L-111-5.1	1	LS	\$196,264.00	\$196,264.00	\$168,970.87	\$168,970.87	\$125,384.00	\$125,384.00	\$150,000.00	\$150,000.00
23	Multi-way Duct, (4) 4" Conduit, C.E. (Airport / FAA Communications)	L-110-5.2	70	LF	\$38.70	\$2,709.00	\$76.26	\$5,338.20	\$42.00	\$2,940.00	\$50.00	\$3,500.00
24	Multi-way Duct, (24) 2" Conduit, Direct Buried	L-110-5.3	12	LF	\$104.80	\$1,257.60	\$242.44	\$2,909.28	\$74.00	\$888.00	\$85.00	\$1,020.00
25	Multi-way Duct, Multi-way Duct (3) 4" Conduit & (1) 1", C.E. (EPECo Power)	L-110-5.13	340	LF	\$34.20	\$11,628.00	\$82.15	\$27,931.00	\$24.00	\$8,160.00	\$40.00	\$13,600.00
26	Single-way Duct, Two-Inch Conduit C.E. (Telephone)	L-110-5.14	400	LF	\$19.50	\$7,800.00	\$47.76	\$19,104.00	\$9.00	\$3,600.00	\$9.00	\$3,600.00
27	Manhole, Furnished & Installed	L-127-5.1	1	Each	\$10,708.00	\$10,708.00	\$12,413.65	\$12,413.65	\$7,469.00	\$7,469.00	\$10,750.00	\$10,750.00

CHECKED BY: _____

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS

BID NO: 2004-204

BID DATE: JULY 28, 2004

DEPART: AIRPORT

					A U I, INC. ALBUQUERQUE, NM		CACHE VALLEY ELECTRIC SALT LAKE CITY, UT		EAS CONTRACTING, L.P. DALLAS, TEXAS		F & W ELECTRICAL CONTRACTORS INC. EL PASO, TEXAS	
ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
28	Handhole, Type I, Furnished and Installed	L-127-5.3	2	Each	\$5,884.00	\$11,768.00	\$7,108.20	\$14,216.40	\$4,138.00	\$8,276.00	\$4,650.00	\$9,300.00
29	EPECo Power Handhole, Furnished and Installed	L-127-5.6	1	Each	\$12,417.00	\$12,417.00	\$13,635.68	\$13,635.68	\$7,449.00	\$7,449.00	\$4,650.00	\$4,650.00
30	RVR Interface Equipment Relocation	L-140-6.1	1	LS	\$5,859.00	\$5,859.00	\$3,397.91	\$3,397.91	\$2,030.00	\$2,030.00	\$3,500.00	\$3,500.00
31	6 pair 19 Gauge Communication Cable (RVR)	L-140-6.2	12,500	LF	\$1.40	\$17,500.00	\$3.64	\$45,500.00	\$0.69	\$8,625.00	\$1.00	\$12,500.00
32	High Intensity Rotating Beacon Installed	L-802-4.1	1	Each	\$8,859.00	\$8,859.00	\$611.27	\$611.27	\$6,609.00	\$6,609.00	\$10,000.00	\$10,000.00
33	Airport Beacon Support Structure	L-802-4.2	1	Each	\$9,351.00	\$9,351.00	\$3,246.40	\$3,246.40	\$9,695.00	\$9,695.00	\$15,000.00	\$15,000.00
34	New Computerized Airfield Lighting Control System (CALCS)	L-821-6.1	1	LS	\$257,572.00	\$257,572.00	\$219,662.19	\$219,662.19	\$227,548.00	\$227,548.00	\$235,000.00	\$235,000.00
35	CALCS Removal	L-821-6.2	1	LS	\$2,181.00	\$2,181.00	\$3,246.00	\$3,246.00	\$1,622.00	\$1,622.00	\$10,000.00	\$10,000.00
36	Type C, 1/C #400MCM, 600V Cable (EPECo Power) 4500 LF	I-108-5.5	4,500	LF	\$5.70	\$25,650.00	\$4.1062	\$18,478.00	\$3.78	\$17,010.00	\$5.00	\$22,500.00
SUM TOTAL BASE BID II - AIRFIELD LIGHTING VAULT AND CONTROL ITEMS 1 TO 36					\$1,731,122.10		\$2,207,437.48		\$1,508,108.00 Contractor's Total \$1,520,646.00		\$1,567,122.00 Contractor's Total \$1,554,185.00	
SUM SUMMARY TOTAL BASE BID I AND II					\$7,701,074.10		\$8,943,433.34		\$5,584,368.00 Contractor's Total \$5,596,906.00		\$6,362,937.00 Contractor's Total \$6,350,000.00	
BID BOND SUBMITTED					YES		YES		YES		YES	
AMENDMENTS KNOWLEDGE					YES		YES		YES		YES	

CHECKED BY: _____

2004-204 CONSTRUCTION OF AIRFIELD LIGHTING AND CONTROLS

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS

BID NO: 2004-204

BID DATE: JULY 28, 2004

DEPART: AIRPORT

					GARDNER ZEMKE COMPANY ALBUQUERQUE, NM		TRI - STATE ELECTRIC LTD. EL PASO, TEXAS					
ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
BASE BID I - AIRFIELD LIGHTING												
1.	Mobilization/Demobilization (mobilization to include cost of payment and performance bonds) (not to exceed 5% of both Base Bid I and Base Bid II)	P-101-4.1	1	LS	\$376,264.00	\$376,264.00	\$430,000.00	\$430,000.00		\$0.00		\$0.00
2.	Electrical Demolition and Salvage	L-100-5.1	1	LS	\$93,608.00	\$93,608.00	\$406,044.00	\$406,044.00		\$0.00		\$0.00
3.	New L-824, Type C, 1/C, #8, 5KV, Cable (Temporary)	L-105-5.1	5,000	LF	\$0.88	\$4,400.00	\$2.06	\$10,300.00		\$0.00		\$0.00
4.	Used L-824, Type C, 1/C, #8, 5 kV cable (Temporary)	L-105-5.2	5,000	LF	\$0.36	\$1,800.00	\$0.93	\$4,650.00		\$0.00		\$0.00
5.	Single-way 2" Conduit, Temporary (Allowance)	L-105-5.3	2,000	LF	\$3.24	\$6,480.00	\$6.20	\$12,400.00		\$0.00		\$0.00
6.	Temporary Guidance Sign - Size 3 (Allowance)	L-105-5.4	6	Each	\$4,300.00	\$25,800.00	\$6,635.00	\$39,810.00		\$0.00		\$0.00
7.	Relocate Temporary Guidance Sign - Size 3 (Allowance)	L-105-5.5	6	Each	\$2,932.00	\$17,592.00	\$4,706.00	\$28,236.00		\$0.00		\$0.00
8.	Temporary Guidance Sign - Reflective (Allowance)	L-105-5.6	6	Each	\$1,142.00	\$6,852.00	\$4,056.00	\$24,336.00		\$0.00		\$0.00
9.	Change Sign Panel - Size 3 (Allowance)	L-105-5.7	6	Each	\$746.00	\$4,476.00	\$583.00	\$3,498.00		\$0.00		\$0.00
10.	Temporary Taxiway Edge Light (Allowance)	L-105-5.8	100	Each	\$1,440.00	\$144,000.00	\$4,942.00	\$494,200.00		\$0.00		\$0.00
11.	Temporary Fixture/Reflector Removal (Allowance)	L-105-5.9	100	Each	\$204.00	\$20,400.00	\$128.00	\$12,800.00		\$0.00		\$0.00
12.	L-824, Type C, 1/C #8, 5kV cable	L-108-5.1	700,000	LF	\$0.68	\$476,000.00	\$1.01	\$707,000.00		\$0.00		\$0.00
13.	1/C #6 AWG B.C. Installed in existing Conduit or Duct	L-108-5.2	350,000	LF	\$0.64	\$224,000.00	\$0.60	\$210,000.00		\$0.00		\$0.00
14.	Single-Way 2" Conduit, Concrete Encased in Existing Asphalt Pavement	L-110-5.1	8,000	LF	\$25.30	\$202,400.00	\$19.11	\$152,880.00		\$0.00		\$0.00
15.	Multi-Way Duct, (4) 4" Conduit, C.E. (Airport/FAA Communications)	L-110-5.2	5,200	LF	\$33.25	\$172,900.00	\$34.92	\$181,584.00		\$0.00		\$0.00

CHECKED BY: _____

2004-204 CONSTRUCTION OF AIRFIELD LIGHTING AND CONTROLS

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS
 BID DATE: JULY 28, 2004

BID NO: 2004-204
 DEPART: AIRPORT

					GARDNER ZEMKE COMPANY ALBUQUERQUE, NM		TRI - STATE ELECTRIC LTD. EL PASO, TEXAS					
ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
16	Multi-way Duct, (24) 2" Conduit, Direct Buried	L-110-5.3	2,000	LF	\$85.90	\$171,800.00	\$92.95	\$185,900.00		\$0.00		\$0.00
17	Multi-way Duct, (18) 2" Conduit, Direct Buried	L-110-5.4	3,500	LF	\$68.29	\$239,015.00	\$74.56	\$260,960.00		\$0.00		\$0.00
18	Multi-way Duct, (8) 2" Conduit, Direct Buried	L-110-5.5	3,400	LF	\$37.68	\$128,112.00	\$44.33	\$150,722.00		\$0.00		\$0.00
19	Multi-way Duct, (6) 2" Conduit, Direct Buried	L-110-5.6	9,500	LF	\$29.52	\$280,440.00	\$31.00	\$294,500.00		\$0.00		\$0.00
20	Multi-way Duct, (4) 2" Conduit, Direct Buried	L-110-5.7	4,600	LF	\$21.86	\$100,556.00	\$29.07	\$133,722.00		\$0.00		\$0.00
21	Single-way 2" Conduit, Direct Buried	L-110-5.8	19,000	LF	\$12.64	\$240,160.00	\$15.23	\$289,370.00		\$0.00		\$0.00
22	Multi-way Duct (14) 2" Conduit, Directional Bore	L-110-5.9	800	LF	\$158.26	\$126,608.00	\$337.55	\$270,040.00		\$0.00		\$0.00
23	Multi-way Duct (7) 2" Conduit, Directional Bore	L-110-5.10	4,000	LF	\$81.80	\$327,200.00	\$184.76	\$739,040.00		\$0.00		\$0.00
24	Multi-way Duct (4) 2" Conduit, Directional Bore	L-110-5.11	200	LF	\$77.02	\$15,404.00	\$174.60	\$34,920.00		\$0.00		\$0.00
25	Multi-way Duct (4) 4" Conduit, Directional Bore (Airport/FAA Communications)	L-110-5.12	800	LF	\$132.55	\$106,040.00	\$248.01	\$198,408.00		\$0.00		\$0.00
26	Single-way 4" Split Conduit/Concrete Encased (Allowance)	L-110-5.15	2,000	LF	\$24.88	\$49,760.00	\$35.12	\$70,240.00		\$0.00		\$0.00
27	Single-way 2" Conduit, Direct Buried (Contingency Allowance)	L-110-5.16	2,000	LF	\$12.58	\$25,160.00	\$17.82	\$35,640.00		\$0.00		\$0.00
28	Manhole, Furnished & Installed	L-127-5.1	3	Each	\$11,454.00	\$34,362.00	\$12,974.26	\$38,922.78		\$0.00		\$0.00
29	Intercept Manhole, Furnished & installed	L-127-5.2	2	Each	\$15,256.00	\$30,512.00	\$19,730.60	\$39,461.20		\$0.00		\$0.00

CHECKED BY: _____

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS
 BID DATE: JULY 28, 2004

BID NO: 2004-204
 DEPART: AIRPORT

					GARDNER ZEMKE COMPANY ALBUQUERQUE, NM		TRI - STATE ELECTRIC LTD. EL PASO, TEXAS					
ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
30	Handhole, Type I, Furnished and installed	L-127-5.3	65	Each	\$5,084.00	\$330,460.00	\$6,785.83	\$441,078.95		\$0.00		\$0.00
31	Intercept Handhold, Furnished & Installed	L-127-5.4	2	Each	\$7,803.00	\$15,606.00	\$9,496.13	\$18,992.26		\$0.00		\$0.00
32	Raise Handhole to Grade	L-127-5.5	15	Each	\$9,507.00	\$142,605.00	\$6,070.84	\$91,062.60		\$0.00		\$0.00
33	In-Pavement High Intensity Runway Edge Light (HIRL) on New L-868 Base	L-850-4.1	17	Each	\$1,981.00	\$33,677.00	\$3,008.00	\$51,136.00		\$0.00		\$0.00
34	Spare In-Pavement High Intensity Runway Edge Light (HIRL)	L-850-4.2	2	Each	\$456.00	\$912.00	\$400.00	\$800.00		\$0.00		\$0.00
35	In-Pavement Medium Intensity Taxiway Edge Light	L-852E-4.1	39	Each	\$1,724.00	\$67,236.00	\$1,277.00	\$49,803.00		\$0.00		\$0.00
36	Replace Multi-Step Sign Electronics with Single-Step	L-858-6.1	200	Each	\$601.00	\$120,200.00	\$544.00	\$108,800.00		\$0.00		\$0.00
37	New Guidance Sign Isolation Transformer	L-858-6.2	5	Each	\$191.00	\$955.00	\$205.00	\$1,025.00		\$0.00		\$0.00
38	New Size 3, Two-panel Guidance sign Complete with Concrete Base, Base Can, Isolation Transformer and Connection with New Base	L-858-6.3	4	Each	\$5,554.00	\$22,216.00	\$4,426.00	\$17,704.00		\$0.00		\$0.00
39	New Size 3, Three-panel Guidance sign Complete with Concrete Base, Base Can, Isolation Transformer and Connection with New Base	L-858-6.4	1	Each	\$7,568.00	\$7,568.00	\$6,005.00	\$6,005.00		\$0.00		\$0.00
40	New Size 3, Six-Panel Guidance Sign Complete with Concrete Base, Base Can, Isolation Transformer and Connection with New Base	L-858-6.5	4	Each	\$14,428.00	\$57,712.00	\$10,280.00	\$41,120.00		\$0.00		\$0.00
41	New Size 3, Two-panel Guidance Sign Panel	L-858-6.6	1	Each	\$724.00	\$724.00	\$583.00	\$583.00		\$0.00		\$0.00
42	Relocate Size 3, Two-panel Guidance Sign Panel	L-858-6.7	1	Each	\$243.00	\$243.00	\$155.48	\$155.48		\$0.00		\$0.00
43	Elevated Medium Intensity Runway Edge Light On Existing L-867 Base Can	L-861-4.1	61	Each	\$336.00	\$20,496.00	\$292.40	\$17,836.40		\$0.00		\$0.00

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2004-204 CONSTRUCTION OF AIRFIELD LIGHTING AND CONTROLS

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CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS
 BID DATE: JULY 28, 2004

BID NO: 2004-204
 DEPART: AIRPORT

					GARDNER ZEMKE COMPANY ALBUQUERQUE, NM		TRI - STATE ELECTRIC LTD. EL PASO, TEXAS					
ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
44	Spare Elevated Medium Intensity Runway Edge Light	L-861-4.2	6	Each	\$151.00	\$906.00	\$123.00	\$738.00		\$0.00		\$0.00
45	Elevated Medium Intensity Runway Threshold Light on Existing L-867 Base Can	L-861-4.3	12	Each	\$496.00	\$5,952.00	\$406.00	\$4,872.00		\$0.00		\$0.00
					Contractor's Total \$6,448.00							
46	Spare Elevated Medium Intensity Runway Threshold Light	L-861-4.4	4	Each	\$311.00	\$1,244.00	\$268.00	\$1,072.00		\$0.00		\$0.00
47	Elevated Medium Intensity Taxiway Edge Light on Existing L-867 Base Can	L-861T-4.1	1,464	Each	\$337.00	\$493,368.00	\$293.00	\$428,952.00		\$0.00		\$0.00
48	Spare Elevated Medium Intensity Taxiway Edge Light	L-861T-4.2	50	Each	\$151.00	\$7,550.00	\$123.00	\$6,150.00		\$0.00		\$0.00
49	Elevated High Intensity Runway Edge Light on Existing L-867 Base Can	L-862-4.1	188	Each	\$430.00	\$80,840.00	\$378.00	\$71,064.00		\$0.00		\$0.00
50	Spare Elevated High Intensity Runway Edge Light	L-862-4.2	18	Each	\$245.00	\$4,410.00	\$208.00	\$3,744.00		\$0.00		\$0.00
51	Elevated High Intensity Runway Threshold Light on Existing L-867 Base Can	L-862E-4.1	36	Each	\$448.00	\$16,128.00	\$394.00	\$14,184.00		\$0.00		\$0.00
52	Spare Elevated High Intensity Runway Threshold Light	L-862E-4.2	8	Each	\$262.00	\$2,096.00	\$224.00	\$1,792.00		\$0.00		\$0.00
53	Replace Existing Handhole w/L-867 Size D Junction Can	L-867-4.1	1,000	Each	\$760.00	\$760,000.00	\$694.23	\$694,230.00		\$0.00		\$0.00
54	Drill Drain Holes in Existing L-867 Bases	L-867-4.2	200	Each	\$75.00	\$15,000.00	\$85.51	\$17,102.00		\$0.00		\$0.00
55	Trench Safety and Shoring (for MH Installation)	2221-4.1	1	LS	\$1,948.00	\$1,948.00	\$3,399.00	\$3,399.00		\$0.00		\$0.00
SUM TOTAL BASE BID 1 - AIRFIELD LIGHTING ITEMS 1 TO 55					\$5,862,153.00 Contractor's Total \$5,862,649.00		\$7,552,984.67 Contractor's Total \$7,552,984.00		\$0.00		\$0.00	

CHECKED BY: _____

2004-204 CONSTRUCTION OF AIRFIELD LIGHTING AND CONTROLS

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS

BID DATE: JULY 28, 2004

BID NO: 2004-204

DEPART: AIRPORT

GARDNER ZEMKE
COMPANY
ALBUQUERQUE, NM

TRI - STATE
ELECTRIC LTD.
EL PASO, TEXAS

ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
BASE BID II - AIRFIELD LIGHTING VAULT AND CONTROLS												
1	Trench Safety and Shoring (for Miscellaneous Utility Trenching)	2221-4.2	300	LF	\$3.25	\$975.00	\$20.87	\$6,261.00		\$0.00		\$0.00
2	1" PVC Water Distribution	2510-3.11A	320	LF	\$19.70	\$6,304.00	\$22.20	\$7,104.00		\$0.00		\$0.00
3	4" PVC Sanitary Sewer	2530-3.7A	275	LF	\$34.00	\$9,350.00	\$53.00	\$14,575.00		\$0.00		\$0.00
4	1" PE SDR 11 Gas Piping	2553-3.7A	370	LF	\$22.40	\$8,288.00	\$32.50	\$12,025.00		\$0.00		\$0.00
5	Asphaltic Concrete Pavement	03305-5.1	35	TON	\$265.00	\$9,275.00	\$300.00	\$10,500.00		\$0.00		\$0.00
6	20-Foot Slide Gate	F-162-4.1	2	Each	\$14,809.00	\$29,618.00	\$5,503.00	\$11,006.00		\$0.00		\$0.00
7	Slide Gate Operator	F-162-4.2	2	Each	\$7,558.00	\$15,116.00	\$22,143.00	\$44,286.00		\$0.00		\$0.00
8	Security Gate Miscellaneous	F-162-4.3	1	LS	\$6,758.00	\$6,758.00	\$25,433.72	\$25,433.72		\$0.00		\$0.00
9	Vault Electrical Service (Does Not Include EPECo Distribution) r:	L-100-5.2	1	LS	\$39,661.00	\$39,661.00	\$21,893.02	\$21,893.02		\$0.00		\$0.00
10	Regulator Testing	L-100a - 2.1	1	LS	\$6,248.00	\$6,248.00	\$9,405.00	\$9,405.00		\$0.00		\$0.00
11	12 Fiber 50-125 Fiber Optic Cable In Conduit or Duct	L-108-5.3	7,000	LF	\$4.80	\$33,600.00	\$1.76	\$12,320.00		\$0.00		\$0.00
12	Four-Cell Innerduct	L-108-5.4	7,000	LF	\$3.20	\$22,400.00	\$2.44	\$17,080.00		\$0.00		\$0.00
13	Electrical Vault Building, Complete	L-109-5.1	1	LS	\$356,308.00	\$356,308.00	\$400,000.00	\$400,000.00		\$0.00		\$0.00

CHECKED BY: _____

2004-204 CONSTRUCTION OF AIRFIELD LIGHTING AND CONTROLS

Page 12 of 14

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS

BID NO: 2004-204

BID DATE: JULY 28, 2004

DEPART: AIRPORT

					GARDNER ZEMKE COMPANY ALBUQUERQUE, NM		TRI - STATE ELECTRIC LTD. EL PASO, TEXAS					
ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
14	New 30 kW Regulator, Installed	L-109-5.2	5	Each	\$12,230.00	\$61,150.00	\$13,254.00	\$66,270.00		\$0.00		\$0.00
15	New 20 kW Regulator, Installed	L-109-5.3	4	Each	\$11,886.00	\$47,544.00	\$12,873.00	\$51,492.00		\$0.00		\$0.00
16	New 15 kW Regulator, Installed	L-109-5.4	5	Each	\$11,054.00	\$55,270.00	\$11,935.00	\$59,675.00		\$0.00		\$0.00
17	New 10 kW Regulator, Installed	L-109-5.5	1	Each	\$10,798.00	\$10,798.00	\$11,777.00	\$11,777.00		\$0.00		\$0.00
18	Relocated 30 kW Regulator, Installed	L-109-5.6	4	Each	\$12,713.00	\$50,852.00	\$13,470.00	\$53,880.00		\$0.00		\$0.00
19	Installation of Vault Electrical Equipment	L-109-5.7	1	LS	\$120,697.00	\$120,697.00	\$82,853.00	\$82,853.00		\$0.00		\$0.00
20	Installation of Vault Mechanical Equipment, In Place	L-109-5.8	1	LS	\$117,062.00	\$117,062.00	\$92,058.00	\$92,058.00		\$0.00		\$0.00
21	Installation of Vault Fire Suppression System, In Place	L-109-5.9	1	LS	\$86,892.00	\$86,892.00	\$77,183.00	\$77,183.00		\$0.00		\$0.00
22	Package 500 kW Generator Set including including ATS, Accessories and Connections in Walk-In Weather Protective Enclosure as single unit	L-111-5.1	1	LS	\$169,700.00	\$169,700.00	\$170,000.00	\$170,000.00		\$0.00		\$0.00
23	Multi-way Duct, (4) 4" Conduit, C.E. (Airport / FAA Communications)	L-110-5.2	70	LF	\$28.90	\$2,023.00	\$34.92	\$2,444.40		\$0.00		\$0.00
24	Multi-way Duct, (24) 2" Conduit , Direct Buried	L-110-5.3	12	LF	\$146.00	\$1,752.00	\$92.95	\$1,115.40		\$0.00		\$0.00
25	Multi-way Duct, Multi-way Duct (3) 4" Conduit & (1) 1", C.E. (EPECo Power)	L-110-5.13	340	LF	\$237.10	\$80,614.00	\$30.45	\$10,353.00		\$0.00		\$0.00
26	Single-way Duct, Two-Inch Conduit C.E. (Telephone)	L-110-5.14	400	LF	\$7.17	\$2,868.00	\$19.11	\$7,644.00		\$0.00		\$0.00
27	Manhole, Furnished & Installed	L-127-5.1	1	Each	\$12,157.00	\$12,157.00	\$12,974.26	\$12,974.26		\$0.00		\$0.00

CHECKED BY: _____

CITY OF EL PASO BID TABULATION

BID TITLE: AIRFIELD LIGHTING AND CONTROLS
 BID DATE: JULY 28, 2004

BID NO: 2004-204
 DEPART: AIRPORT

GARDNER ZEMKE
 COMPANY
 ALBUQUERQUE, NM

TRI - STATE
 ELECTRIC LTD.
 EL PASO, TEXAS

ITEM #	DESCRIPTION	ITEM NO	EST. QTY.	UNITS	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL	BID PRICE PER UNIT	TOTAL
28	Handhole, Type I, Furnished and Installed	L-127-5.3	2	Each	\$5,531.00	\$11,062.00	\$6,785.83	\$13,571.66		\$0.00		\$0.00
29	EPECo Power Handhole, Furnished and Installed	L-127-5.6	1	Each	\$5,434.00	\$5,434.00	\$3,665.32	\$3,665.32		\$0.00		\$0.00
30	RVR Interface Equipment Relocation	L-140-6.1	1	LS	\$13,974.00	\$13,974.00	\$1,421.27	\$1,421.27		\$0.00		\$0.00
31	6 pair 19 Gauge Communication Cable (RVR)	L-140-6.2	12,500	LF	\$1.59	\$19,875.00	\$1.20	\$15,000.00		\$0.00		\$0.00
32	High Intensity Rotating Beacon Installed	L-802-4.1	1	Each	\$8,859.00	\$8,859.00	\$6,779.00	\$6,779.00		\$0.00		\$0.00
33	Airport Beacon Support Structure	L-802-4.2	1	Each	\$4,711.00	\$4,711.00	\$2,548.06	\$2,548.06		\$0.00		\$0.00
34	New Computerized Airfield Lighting Control System (CALCS)	L-821-6.1	1	LS	\$217,086.00	\$217,086.00	\$150,000.00	\$150,000.00		\$0.00		\$0.00
35	CALCS Removal	L-821-6.2	1	LS	\$1,580.00	\$1,580.00	\$1,728.00	\$1,728.00		\$0.00		\$0.00
36	Type C, 1/C #400MCM, 600V Cable (EPECo Power) 4500 LF	I-108-5.5	4,500	LF	\$3.7284	\$16,778.00	\$4.6827	\$21,072.00		\$0.00		\$0.00
SUM TOTAL BASE BID II - AIRFIELD LIGHTING VAULT AND CONTROL ITEMS 1 TO 36						\$1,662,639.00		\$1,507,393.11		\$0.00		\$0.00
SUM SUMMARY TOTAL BASE BID I AND II						\$7,524,792.00 Contractor's Total \$7,525,288.00		\$9,060,377.78		\$0.00		\$0.00
BID BOND SUBMITTED					YES		YES					
AMENDMENTS KNOWLEDGE					YES		YES					

CHECKED BY: _____

2004-204 CONSTRUCTION OF AIRFIELD LIGHTING AND CONTROLS



El Paso
INTERNATIONAL AIRPORT

Memorandum

TO: Byron Johnson
Purchasing Director

FROM: Patrick T. Abeln, A.A.E.
Director of Aviation

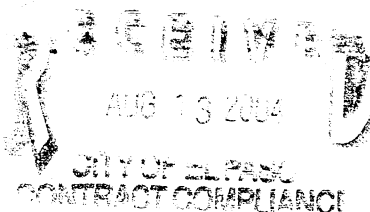
DATE: August 9, 2004

SUBJECT: EPIA Airfield Lighting and Controls
Bid No. 2004-204

The Department of Aviation has reviewed and analyzed the tabulation of bids on the above-referenced project, and recommends that the apparent lowest bidder, EAS Contracting, L.P., be awarded the contract as follows:

Base Bid I	\$4,076,260
Base Bid II	<u>\$1,508,108</u>
Total Award	\$5,584,368

If you should have questions, please do not hesitate to contact me at 780-4736, or Monica Lombraña at 780-4793 – thank you.





ENGINEERING DEPARTMENT

Excellence through Teamwork


memorandum

TO: Byron E. Johnson
Director of Purchasing

FROM: Javier Reyes, P. E.
Engineering Program Manager

DATE: August 13, 2004

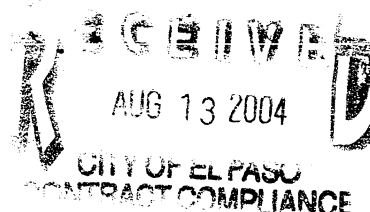
SUBJECT: Bid Recommendation

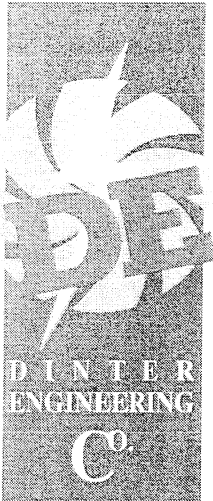


We recommend that the "EPIA Airfield Lighting and Controls" be awarded to "EAS Contracting, L. P." as the lowest bidder. The awarded contract should consist on:

Base Bid I with:	\$4,076,260.00
Base Bid II with:	<u>\$1,508,108.00</u>
Total Award	\$5,584,368.00

If additional information is needed, please give me a call at extension 4630.
Thanks.





August 13, 2004

The City of El Paso
Two Civic Center Plaza
7th Floor, City Hall
El Paso, TX 79901-1196

Attention: Byron Johnson, Purchasing Director

Re: EPIA Airfield Lighting and Controls
Bid No. 2004-204

J-3815

Dear Mr. Johnson:

Dinter Engineering Company has reviewed and analyzed the tabulation of bids for the above-referenced project and recommends that the apparent lowest bidder, EAS Contracting, L.P., be awarded the contract as follows:

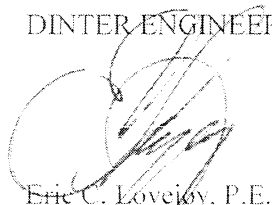
CONSULTING
ENGINEERS
FOR
* MECHANICAL
* ELECTRICAL
* AIRFIELD
ELECTRICAL
SYSTEMS

Base Bid I	\$4,076,260
Base Bid II	<u>\$1,508,108</u>
Total Award	\$5,584,368

If you should have questions, please do not hesitate to contact me at 775/826-4044. Thank you.

Very truly yours,

DINTER ENGINEERING COMPANY



Eric C. Lovejoy, P.E.
President

385 GENTRY WAY

RENO, NEVADA

89502-4608

(775) 826-4044

FAX 826-4190

www.dinter.com

ECL:gg

CORRECTED COPY

PROPOSAL - UNIT PRICE

THE HONORABLE MAYOR AND CITY COUNCIL
CITY OF EL PASO
EL PASO, TEXAS

GENTLEMEN:

The undersigned Bidder, having familiarized themselves with the local conditions affecting the cost of work and with the contract documents consisting of Invitation to Bid, Instructions to Bidders, General Conditions, the Contractor's Proposal, Special Bid Conditions, Applicable Wage Rates, the Contract Form, Plans and Specifications on file in the Office of the Purchasing Department of the City of El Paso, hereby proposes to perform everything required to be performed and to provide, furnish and install all the labor, materials, necessary tools, expendable equipment and all utility and transportation services and to complete in a workmanlike manner all the work required for the

BASE BID - I CONSTRUCTION OF AIRFIELD LIGHTING

BASE BID - II CONSTRUCTION OF AIRFIELD LIGHTING VAULT AND CONTROLS

BID NUMBER 2004-204

1, 2, 3, 4 #

Within the specified limits and in accordance with the plans, including Addenda numbers 5

July 13, 2004 AT THE FOLLOWING UNIT BID PRICES:

BASE BID I - AIRFIELD LIGHTING

Line	Item No.	Est. Qty.	Units	Brief Description of Item	Unit Bid Price (In Figures)	Total Amount (Quantity x Unit Price) (In Figures)
				Mobilization/Demobilization (mobilization to include cost of payment and performance bonds) (NOT TO EXCEED 5% OF BOTH BASE BID I AND BASE BID II): The sum of: <u>Two Hundred Seventy</u> <u>Five Thousand + 00/100</u> LS		
1	P-101-4.1	1	LS		\$ <u>275,000.75</u> LS	= \$ <u>275,000.00</u>

COMPANY NAME

EAS Contracting, L.P.

BIDDER'S SIGNATURE

[Signature]

BIDDER'S NAME

Carroll Edwards

Line	Item No.	Est. Qty.	Units	Brief Description of Item	Unit Bid Price (In Figures)	Total Amount (Quantity x Unit Price) (In Figures)
2	L-100-5.1	1	LS	Electrical Demolition and Salvage: The sum of: Twenty-one Thousand, Eight hundred-thirty $\frac{\$00}{100}$ LS	\$ <u>21,830.00</u> /LS	= \$ <u>21,830.00</u>
3	L-105-5.1	5,000	LF	New L-824, Type C, 1/C #8, 5 kV Cable (Temporary): The sum of: $\frac{50}{100}$ \$ <u>One & 50</u> /LF	\$ <u>1.50</u> /LF	= \$ <u>7,500.00</u>
4	L-105-5.2	5,000	LF	Used L-824, Type C, 1/C #8, 5 kV Cable (Temporary): The sum of: $\frac{50}{100}$ \$ <u>.50</u> /LF	\$ <u>.50</u> /LF	= \$ <u>2,500.00</u>
5	L-105-5.3	2,000	LF	Single-way 2" Conduit, Temporary (Allowance): The sum of: $\frac{60}{100}$ \$ <u>1.60</u> /LF	\$ <u>1.60</u> /LF	= \$ <u>3,200.00</u>
6	L-105-5.4	6	EA	Temporary Guidance Sign - Size 3 (Allowance): The sum of: One Thousand, Seven Hundred-thirty-seven $\frac{\$00}{100}$ EA	\$ <u>1,737.00</u> /EA	= \$ <u>10,422.00</u>
7	L-105-5.5	6	EA	Relocate Temporary Guidance Sign - Size 3 (Allowance): The sum of: Seven Hundred, Ninety-eight $\frac{\$00}{100}$ /EA	\$ <u>798.00</u> /EA	= \$ <u>4,788.00</u>
8	L-105-5.6	6	EA	Temporary Guidance Sign - Reflective (Allowance): The sum of: Four Hundred, Twenty-two $\frac{\$00}{100}$ /EA	\$ <u>422.00</u> /EA	= \$ <u>2,532.00</u>
9	L-105-5.7	6	EA	Change Sign Panel - Size 3 (Allowance): The sum of: Four Hundred, Thirty-eight $\frac{\$00}{100}$ /EA	\$ <u>438.00</u> /EA	= \$ <u>2,628.00</u>

COMPANY NAME

EAS Contracting, LP

BIDDER'S SIGNATURE

ML

BIDDER'S NAME

Carroll Edwards

Line	Item No.	Est. Qty.	Units	Brief Description of Item	Unit Bid Price (In Figures)	Total Amount (Quantity x Unit Price) (In Figures)
10	L-105-5.8	100	EA	Temporary Taxiway Edge Light (Allowance): The sum of: <u>Two Hundred,</u> <u>\$ Twenty-two & $\frac{00}{100}$</u> /EA	\$ <u>222.00</u> /EA	= \$ <u>22,200.00</u>
11	L-105-5.9	100	EA	Temporary Fixture/Reflector Removal (Allowance): The sum of: <u>\$ Twenty-two & $\frac{00}{100}$</u> /EA	\$ <u>22.00</u> /EA	= \$ <u>2,200.00</u>
12	L-108-5.1	700,000	LF	L-824, Type C, 1/C #8, 5 kV Cable: The sum of: <u>80</u> <u>$\frac{80}{100}$</u> /LF	\$ <u>.80</u> /LF	= \$ <u>560,000.00</u>
13	L-108-5.2	350,000	LF	1/C #6 AWG B.C. Installed in Existing Conduit or Duct: The sum of: <u>\$ $\frac{50}{100}$</u> /LF	\$ <u>.50</u> /LF	= \$ <u>175,000.00</u>
14	L-110-5.1	8,000	LF	Single-way 2" Conduit, Concrete Encased in Existing Asphalt Pavement: The sum of: <u>\$ Ten & $\frac{00}{100}$</u> /LF	\$ <u>10.00</u> /LF	= \$ <u>80,000.00</u>
15	L-110-5.2	5,200	LF	Multi-way Duct, (4) 4" Conduit, C. E. (Airport/FAA Communications): The sum of: <u>\$ Twenty-three & $\frac{50}{100}$</u> /LF	\$ <u>23.50</u> /LF	= \$ <u>122,200.00</u>
16	L-110-5.3	2,000	LF	Multi-way Duct, (24) 2" Conduit, Direct Buried: The sum of: <u>\$ Fifty-nine & $\frac{00}{100}$</u> /LF	\$ <u>59.00</u> /LF	= \$ <u>118,000.00</u>
17	L-110-5.4	3,500	LF	Multi-way Duct, (18) 2" Conduit, Direct Buried: The sum of: <u>\$ Forty-eight & $\frac{00}{100}$</u> /LF	\$ <u>48.00</u> /LF	= \$ <u>168,000.00</u>

COMPANY NAME

BIDDER'S SIGNATURE

BIDDER'S NAME

EAS Contracting, LP

ML

Carroll Edwards

18	L-110-5.5	3,400	LF	Multi-way Duct, (8) 2" Conduit, Direct Buried: The sum of: \$ <u>Twenty Nine & $\frac{00}{100}$</u> /LF	\$ <u>29.⁰⁰</u> /LF	= \$ <u>98,600.00</u>
19	L-110-5.6	9,500	LF	Multi-way Duct, (6) 2" Conduit, Direct Buried: The sum of: \$ <u>Twenty & $\frac{50}{100}$</u> /LF	\$ <u>20.50</u> /LF	= \$ <u>194,750.00</u>
20	L-110-5.7	4,600	LF	Multi-way Duct, (4) 2" Conduit, Direct Buired: The sum of: \$ <u>Seventeen & $\frac{00}{100}$</u> /LF	\$ <u>17.⁰⁰</u> /LF	= \$ <u>78,200.00</u>
21	L-110-5.8	19,000	LF	Single-way 2" Conduit, Direct Buried: The sum of: \$ <u>Six & $\frac{30}{100}$</u> /LF	\$ <u>6.30</u> /LF	= \$ <u>119,700.00</u>
22	L-110-5.9	800	LF	Multi-way Duct, (14) 2" Conduit, Directional Bore: The sum of: \$ <u>Eighty Three & $\frac{00}{100}$</u> /LF	\$ <u>83.⁰⁰</u> /LF	= \$ <u>66,400.00</u>
23	L-110-5.10	4,000	LF	Multi-way Duct, (7) 2" Conduit, Directional Bore: The sum of: \$ <u>Sixty Two & $\frac{25}{100}$</u> /LF	\$ <u>62.25</u> /LF	= \$ <u>249,000.00</u>
24	L-110-5.11	200	LF	Multi-way Duct, (4) 2" Conduit, Directional Bore: The sum of: \$ <u>Sixty & $\frac{00}{100}$</u> /LF	\$ <u>60.⁰⁰</u> /LF	= \$ <u>12,000.00</u>
25	L-110-5.12	800	LF	Multi-way Duct, (4) 4" Conduit, Directional Bore (Airport/FAA Communications): The sum of: \$ <u>Eighty Two & $\frac{00}{100}$</u> /LF	\$ <u>82.⁰⁰</u> /LF	= \$ <u>65,600.00</u>
26	L-110-5.15	2,000	LF	Single-way 4" Split Conduit, Concrete Encased (Allowance): The sum of: \$ <u>Eight & $\frac{00}{100}$</u> /LF	\$ <u>8.⁰⁰</u> /LF	= \$ <u>16,000.00</u>

COMPANY NAME

EAS CONTRACTING, LP

BIDDER'S SIGNATURE

[Signature]

BIDDER'S NAME

Carroll Edwards

				Single-way 2" Conduit, Direct Buried (Contingency Allowance): The sum of:			
27	L-110-5.16	2,000	LF	\$ <u>Seven</u> $\frac{1}{100}$ /LF	\$ <u>7.00</u> /LF	= \$ <u>14,000.00</u>	
				Manhole, Furnished & Installed: The sum of: <u>Eight Thousand,</u> <u>\$One hundred, Seventy</u> $\frac{1}{100}$ EA	\$ <u>8,170.00</u> /EA	= \$ <u>24,510.00</u>	
28	L-127-5.1	3	EA				
				Intercept Manhole, Furnished & Installed: The sum of: <u>Eight Thousand,</u> <u>\$Eight Hundred</u> $\frac{1}{100}$ /EA	\$ <u>8,800.00</u> /EA	= \$ <u>17,600.00</u>	
29	L-127-5.2	2	EA				
				Handhole, Type I, Furnished and Installed: The sum of:			
30	L-127-5.3	65	EA	\$ <u>Six Thousand</u> $\frac{1}{100}$ /EA	\$ <u>6,000.00</u> /EA	= \$ <u>390,000.00</u>	
				Intercept Handhole, Furnished & Installed: The sum of: <u>Six Thousand,</u> <u>\$Four Hundred, Sixty-nine</u> $\frac{1}{100}$ EA	\$ <u>6,469.00</u> /EA	= \$ <u>12,938.00</u>	
31	L-127-5.4	2	EA				
				Raise Handhole to Grade: The sum of: <u>Two Thousand,</u> <u>\$Four Hundred</u> $\frac{1}{100}$ /EA	\$ <u>2,400.00</u> /EA	= \$ <u>36,000.00</u>	
32	L-127-5.5	15	EA				
				In-Pavement High Intensity Runway Edge Light (HIRL) on New L-868 Base: The sum of: <u>One Thousand,</u> <u>\$Two Hundred, Forty-Six</u> $\frac{1}{100}$ EA	\$ <u>1246.00</u> /EA	= \$ <u>21,182.00</u>	
33	L-850-4.1	17	EA				
				Spare In-Pavement High Intensity Runway Edge Light (HIRL): The sum of: <u>Five Hundred,</u> <u>\$Eighty-four</u> $\frac{1}{100}$ /EA	\$ <u>584.00</u> /EA	= \$ <u>11,608.00</u>	
34	L-850-4.2	2	EA				
				In-Pavement Medium Intensity Taxiway Edge Light: The sum of: <u>Nine Hundred,</u> <u>\$Ninety-nine</u> $\frac{1}{100}$ /EA	\$ <u>999.00</u> /EA	= \$ <u>38,961.00</u>	
35	L-852E-4.1	39	EA				

COMPANY NAME

EAS Contracting, LP

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Carroll Edwards

36	L-858-6.1	200	EA	Replace Multi-step Sign Electronics with Single-step: The sum of: <u>Two Hundred,</u> <u>\$ Fourteen $\frac{1}{100}$</u> /EA	\$ <u>214.00</u> /EA	= \$ <u>42,800.00</u>
37	L-858-6.2	5	EA	New Guidance Sign Isolation Transformer: The sum of: <u>One Hundred</u> <u>\$ Seventy $\frac{1}{100}$</u> /EA	\$ <u>170.00</u> /EA	= \$ <u>850.00</u>
38	L-858-6.3	4	EA	New Size 3, Two-panel Guidance Sign Complete with Concrete Base, Base Can. Isolation Transformer and Connection, with New Base: The sum of: <u>Three Thousand,</u> <u>\$ One Hundred Seventy-nine $\frac{1}{100}$</u> /EA	\$ <u>3,179.00</u> /EA	= \$ <u>12,716.00</u>
39	L-858-6.4	1	EA	New Size 3, Three-panel Guidance Sign Complete with Concrete Base, Base Can. Isolation Transformer and Connection, with New Base: The sum of: <u>Three Thousand,</u> <u>\$ One Hundred Twenty-four $\frac{1}{100}$</u> /EA	\$ <u>3,124.00</u> /EA	= \$ <u>3,124.00</u>
40	L-858-6.5	4	EA	New Size 3, Six-panel Guidance Sign Complete with Concrete Base, Base Can. Isolation Transformer and Connection, with New Base: The sum of: <u>Four Thousand,</u> <u>\$ Nine Hundred Sixty-two $\frac{1}{100}$</u> /EA	\$ <u>4,962.00</u> /EA	= \$ <u>19,848.00</u>
41	L-858-6.6	1	EA	New Size 3, Two-panel Guidance Sign Panel: The sum of: <u>Eight Hundred,</u> <u>\$ Ninety-nine $\frac{1}{100}$</u> /EA	\$ <u>899.00</u> /EA	= \$ <u>899.00</u>
42	L-858-6.7	1	EA	Relocate Size 3, Two-panel Guidance Sign Panel: The sum of: <u>One thousand,</u> <u>\$ Ninety-four $\frac{1}{100}$</u> /EA	\$ <u>1,094.00</u> /EA	= \$ <u>1,094.00</u>
43	L-861-4.1	61	EA	Elevated Medium Intensity Runway Edge Light on Existing L-867 Base Can: The sum of: <u>\$ Two Hundred, fourteen $\frac{1}{100}$</u> /EA	\$ <u>214.00</u> /EA	= \$ <u>13,054.00</u>

COMPANY NAME EAS Contracting, LP

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BIDDER'S NAME Carroll Edwards

44	L-861-4.2	6	EA	Spare Elevated Medium Intensity Runway Edge Light: The sum of: <u>One Hundred, Thirty-five $\frac{3}{100}$</u> /EA <u>\$ 135.00</u> /EA = \$ <u>810.00</u>
45	L-861-4.3	12	EA	Elevated Medium Intensity Runway Threshold Light on Existing L-867 Base Can: The sum of: <u>Two Hundred, Seventy-eight $\frac{8}{100}$</u> /EA <u>\$ 278.00</u> /EA = \$ <u>3,336.00</u>
46	L-861-4.4	4	EA	Spare Elevated Medium Intensity Runway Threshold Light: The sum of: <u>One Hundred, Ninety-seven $\frac{7}{100}$</u> /EA <u>\$ 197.00</u> /EA = \$ <u>788.00</u>
47	L-861T-4.1	1,464	EA	Elevated Medium Intensity Taxiway Edge Light on Existing L-867 Base Can: The sum of: <u>Two Hundred, Eleven $\frac{1}{100}$</u> /EA <u>\$ 211.00</u> /EA = \$ <u>308,904.00</u>
48	L-861T-4.2	50	EA	Spare Elevated Medium Intensity Taxiway Edge Light: The sum of: <u>One Hundred, Thirty-three $\frac{3}{100}$</u> /EA <u>\$ 133.00</u> /EA = \$ <u>6,650.00</u>
49	L-862-4.1	188	EA	Elevated High Intensity Runway Edge Light on Existing L-867 Base Can: The sum of: <u>Two Hundred, Seventy $\frac{7}{100}$</u> /EA <u>\$ 270.00</u> /EA = \$ <u>50,760.00</u>
50	L-862-4.2	18	EA	Spare Elevated High Intensity Runway Edge Light: The sum of: <u>One Hundred, Eighty-nine $\frac{9}{100}$</u> /EA <u>\$ 189.00</u> /EA = \$ <u>3,402.00</u>
51	L-862E-4.1	36	EA	Elevated High Intensity Runway Threshold Light on Existing L-867 Base Can: The sum of: <u>Two Hundred, Ninety-nine $\frac{9}{100}$</u> /EA <u>\$ 299.00</u> /EA = \$ <u>10,764.00</u>

COMPANY NAME

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Carol Edwards

52	L-862E-4.2	8	EA	Spare Elevated High Intensity Runway Threshold Light: The sum of: Two Hundred, \$ <u>Nineteen</u> $\frac{00}{100}$ /EA	\$ <u>219.00</u> /EA	= \$ <u>1,752.00</u>
53	L-867-4.1	1,000	EA	Replace Existing Handhole w/ L-867 Size D Junction Can: The sum of: \$ <u>Five Hundred, Fifty-three</u> $\frac{00}{100}$ /EA	\$ <u>553.00</u> /EA	= \$ <u>553,000.00</u>
54	L-867-4.2	200	EA	Drill Drain Holes in Existing L-867 Bases: The sum of: \$ <u>Thirty-three</u> $\frac{1}{2}$ $\frac{00}{100}$ /EA	\$ <u>33.00</u> /EA	= \$ <u>6,600.00</u>
55	2221-4.1	1	LS	Trench Safety & Shoring (for MH Installation): The sum of: \$ <u>Five Hundred</u> $\frac{00}{100}$ /LS	\$ <u>500.00</u> /LS	= \$ <u>500.00</u>

Items 1 to 55

BASE BID I - AIRFIELD LIGHTING

\$ 4,076,260 $\frac{00}{100}$ Dollars

COMPANY NAME

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BIDDER'S NAME

Carroll Edwards

BASE BID II - AIRFIELD LIGHTING VAULT AND CONTROLS

				Trench Safety & Shoring (for Miscellaneous Utility Trenching): The sum of:			
1	2221-4.2	300	LF	\$ <u>Twelve 3/100</u> /LF	\$ <u>12.00</u> /LF	= \$ <u>3,600.00</u>	
				1" PVC Water Distribution: The sum of:			
2	2510-3.11A	320	LF	\$ <u>Three 3/100</u> /LF	\$ <u>3.00</u> /LF	= \$ <u>960.00</u>	
				4" PVC Sanitary Sewer: The sum of:			
3	2530-3.7A	275	LF	\$ <u>Seven 3/100</u> /LF	\$ <u>7.00</u> /LF	= \$ <u>1,925.00</u>	
				1" PE SDR 11 Gas Piping: The sum of:			
4	2553-3.7A	370	LF	\$ <u>Six 3/100</u> /LF	\$ <u>6.00</u> /LF	= \$ <u>2,220.00</u>	
				Asphaltic Concrete Pavement: The sum of:			
5	03305-5.1	35	TON	\$ <u>Six Hundred, Six 3/100</u> /TN	\$ <u>606.00</u> /TN	= \$ <u>21,210.00</u>	
				20-Foot Slide Gate: The sum of: <u>Eight Thousand,</u> <u>Six Hundred, Eighty-two 3/100</u> EA			
6	F-162-4.1	2	EA	\$ <u>8,682.00</u> /EA	\$ <u>8,682.00</u> /EA	= \$ <u>17,364.00</u>	
				Slide Gate Operator: The sum of: <u>Three Thousand,</u> <u>Four Hundred, Eighty-two 3/100</u> EA			
7	F-162-4.2	2	EA	\$ <u>3,482.00</u> /EA	\$ <u>3,482.00</u> /EA	= \$ <u>6,964.00</u>	
				Security Gate Miscellaneous: The sum of: <u>Three Thousand,</u> <u>Four Hundred, Fifty-nine 3/100</u> LS			
8	F-162-4.3	1	LS	\$ <u>3,459.00</u> /LS	\$ <u>3,459.00</u> /LS	= \$ <u>3,459.00</u>	
				Vault Electrical Service (Does Not Include EPECo Distribution): The sum of: <u>Twenty Thousand,</u> <u>One Hundred, Fifty-seven 3/100</u> LS			
9	L-100-5.2	1	LS	\$ <u>20,157.00</u> /LS	\$ <u>20,157.00</u> /LS	= \$ <u>20,157.00</u>	
				Regulator Testing: The sum of: <u>Eight Thousand,</u> <u>Six Hundred, Twenty-five 3/100</u> LS			
10	L-100a-2.1	1	LS	\$ <u>8,625.00</u> /LS	\$ <u>8,625.00</u> /LS	= \$ <u>8,625.00</u>	

COMPANY NAME

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				12 Fiber 50-125 Fiber Optic Cable In Conduit or Duct:			
				The sum of:			
11	L-108-5.3	7,000	LF	\$ <u>One $\frac{86}{100}$</u> /LF	\$ 1.86 /LF	= \$ 13,020.00	
				Four-Cell Innerduct:			
				The sum of:			
12	L-108-5.4	7,000	LF	\$ <u>Two $\frac{00}{100}$</u> /LF	\$ 2.00 /LF	= \$ 14,000.00	
				Electrical Vault Building, Complete:			
				The sum of: <u>Six Hundred & Forty Nine Thousand Eight Hundred Twenty Eight $\frac{00}{100}$</u> /LS	\$ 649,828.00 /LS	= \$ 649,828.00	
13	L-109-5.1	1	LS				
				New 30 kW Regulator, Installed:			
				The sum of: <u>Nine Thousand, Four Hundred, Ninety-four $\frac{00}{100}$</u> /EA	\$ 9,494.00 /EA	= \$ 47,470.00	
14	L-109-5.2	5	EA				
				New 20 kW Regulator, Installed:			
				The sum of: <u>Eight Thousand, Four Hundred, twelve $\frac{00}{100}$</u> /EA	\$ 8,412.00 /EA	= \$ 33,648.00	
15	L-109-5.3	4	EA				
				New 15 kW Regulator, Installed:			
				The sum of: <u>Seven Thousand, Four Hundred, Ninety-eight $\frac{00}{100}$</u> /EA	\$ 7,498.00 /EA	= \$ 37,490.00	
16	L-109-5.4	5	EA				
				New 10 kW Regulator, Installed:			
				The sum of: <u>Six Thousand, Three Hundred, Thirty-three $\frac{00}{100}$</u> /EA	\$ 6,331.00 /EA	= \$ 6,331.00	
17	L-109-5.5	1	EA				
				Relocated 30 kW Regulator, Installed:			
				The sum of: <u>Six Hundred, Seven $\frac{00}{100}$</u> /EA	\$ 607.00 /EA	= \$ 2,428.00	
18	L-109-5.6	4	EA				
				Installation of Vault Electrical Equipment:			
				The sum of: <u>Sixty-nine Thousand, Seven Hundred, five $\frac{00}{100}$</u> /LS	\$ 69,705.00 /LS	= \$ 69,705.00	
19	L-109-5.7	1	LS				
				Installation of Vault Mechanical Equipment, In Place:			
				The sum of: <u>Forty-one Thousand, Nine Hundred, Twenty-two $\frac{00}{100}$</u> /LS	\$ 41,922.00 /LS	= \$ 41,922.00	
20	L-109-5.8	1	LS				
				Installation of Vault Fire Suppression System, In Place:			
				The sum of: <u>Sixty-eight Thousand, Four Hundred, Seventy-seven $\frac{00}{100}$</u> /LS	\$ 68,477.00 /LS	= \$ 68,477.00	
21	L-109-5.9	1	LS				

COMPANY NAME EAS Contracting, LP

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BIDDER'S NAME Carroll Edwards

				Packaged 500 kW Generator Set, Including ATS, Accessories and Connections in Walk-in Weather Protective Enclosure as single unit: The sum of: <u>One Hundred Twenty-five Thousand,</u> <u>Three Hundred Eighty-four</u> $\frac{00}{100}$ LS	\$ <u>125,384.00</u> /LS	= \$ <u>125,384.00</u>
22	L-111-5.1	1	LS			
				Multi-way Duct, (4) 4" Conduit, C. E. (Airport/FAA Communications): The sum of:		
23	L-110-5.2	70	LF	\$ <u>Forty-two</u> $\frac{00}{100}$ /LF	\$ <u>42.00</u> /LF	= \$ <u>2,940.00</u>
				Multi-way Duct, (24) 2" Conduit, Direct Buried: The sum of:		
24	L-110-5.3	12	LF	\$ <u>Seventy-four</u> $\frac{00}{100}$ /LF	\$ <u>74.00</u> /LF	= \$ <u>888.00</u>
				Multi-way Duct, Multi-way Duct (3) 4" Conduit & (1) 1", C.E. (EPECo Power): The sum of:		
25	L-110-5.13	340	LF	\$ <u>Twenty-four</u> $\frac{00}{100}$ /LF	\$ <u>24.00</u> /LF	= \$ <u>8,160.00</u>
				Single-way Duct, Two-inch Conduit, C.E. (Telephone): The sum of:		
26	L-110-5.14	400	LF	\$ <u>Nine</u> $\frac{00}{100}$ /LF	\$ <u>9.00</u> /LF	= \$ <u>3,600.00</u>
				Manhole, Furnished & Installed: The sum of: <u>Seven Thousand,</u> <u>Four Hundred, Sixty-nine</u> $\frac{00}{100}$ EA	\$ <u>7,469.00</u> /EA	= \$ <u>7,469.00</u>
27	L-127-5.1	1	EA			
				Handhole, Type I, Furnished and Installed: The sum of: <u>Four Thousand,</u> <u>One Hundred, Thirty-eight</u> $\frac{00}{100}$ EA	\$ <u>4,138.00</u> /EA	= \$ <u>8,276.00</u>
28	L-127-5.3	2	EA			
				EPECo Power Handhole, Furnished and Installed: The sum of: <u>Seven Thousand,</u> <u>Four Hundred, Forty-nine</u> $\frac{00}{100}$ EA	\$ <u>7,449.00</u> /EA	= \$ <u>7,449.00</u>
29	L-127-5.6	1	EA			
				RVR Interface Equipment Relocation: The sum of: <u>Two Thousand,</u> <u>Thirty</u> $\frac{00}{100}$ LS	\$ <u>2,030.00</u> /LS	= \$ <u>2,030.00</u>
30	L-140-6.1	1	LS			
				6 pair 19 Gauge Communication Cable (RVR): The sum of: <u>69</u> $\frac{00}{100}$ /LF	\$ <u>.69</u> /LF	= \$ <u>8,625.00</u>
31	L-140-6.2	12,500	LF			

COMPANY NAME

EAS CONTRACTING, LP

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[Signature]

BIDDER'S NAME

Carroll Edwards

32	L-802-4.1	1	EA	High Intensity Rotating Beacon, Installed: The sum of: Six Thousand, \$ Six Hundred, Nine $\frac{3}{100}$ /EA	\$ <u>6,609.00</u> /EA	= \$ <u>6,609.00</u>
33	L-802-4.2	1	EA	Airport Beacon Support Structure: The sum of: Nine Thousand, \$ Six Hundred, Ninety-five $\frac{3}{100}$ /EA	\$ <u>9,695.00</u> /EA	= \$ <u>9,695.00</u>
34	L-821-6.1	1	LS	New Computerized Airfield Lighting Control System (CALCS): Twenty-seven The sum of: Two Hundred Thousand, \$ Five Hundred, Forty-eight $\frac{1}{100}$ /LS	\$ <u>227,548.00</u> /LS	= \$ <u>227,548.00</u>
35	L-821-6.2	1	LS	CALCS Removal: The sum of: One Thousand, \$ Six Hundred, Twenty-two $\frac{3}{100}$ /LS	\$ <u>1,622.00</u> /LS	= \$ <u>1,622.00</u>
36	L-108-5.5	1	LF	Type C, 1/C #400MCM, 600V Cable (EPECo Power) 4500 LF The sum of: Three $\frac{1}{100}$ /LF	\$ <u>3.78</u> /LF	= \$ <u>17,010.00</u>

CORRECTED AMOUNT
\$ 1,508,108.00 BC

Items 1 to 36

BASE BID II - AIRFIELD LIGHTING
VAULT AND CONTROLS

\$ 1,520,646. $\frac{1}{100}$ Dollars

CORRECTED AMOUNT
\$ 5,584,368.00 BC

BID SUMMARY Total Base Bid I & II

\$ 5,596,906.00

COMPANY NAME

EAS CONTRACTING, LP

BIDDER'S SIGNATURE

[Signature]

BIDDER'S NAME

Carroll Edwards

CONTRACT TIME AND LIQUIDATED DAMAGES

The undersigned Bidder agrees to commence work on a date to be specified in a written Notice to Proceed and to substantially complete the work on which he/she has bid with **Two Hundred Eighty (280) Consecutive Calendar Days**.

Bidder agrees to pay as liquidated damages the sum of **Two Thousand Five Hundred and Ninety-eight (\$2,598.00)** for each consecutive calendar day thereafter as provided in paragraph 6.8 of the General Conditions of the Contract.

PROPOSAL

Enclosed with this proposal is a certified check or bid bond for five percent (5%) of the TOTAL bid price including base bid(s) and alternate(s) which is agreed shall be collected and retained by the owner(s) as liquidated damages in the event this proposal is accepted by the Owner within sixty (60) consecutive calendar days after the date advised for the reception of bids and the undersigned fails to execute the contract and the required performance and payment bonds with the Owner within fourteen (14) consecutive calendar days after the date said proposal is accepted; otherwise, the said bid security shall be returned to the undersigned upon demand.

THE UNDERSIGNED BIDDER REPRESENTS TO THE CITY AND TO OTHER BIDDERS THAT HIS/HER BID, AND THE ESTIMATES ON WHICH IT IS BASED, HAS BEEN CAREFULLY CHECKED AND CONTAINS NO ERRORS, AND NOTHING HAS BEEN OMITTED OR OVERLOOKED IN DETERMINING THE AMOUNTS BID.

BIDDER'S

NAME: EAS Contracting, LP

BY: [Signature]
Signature

7-27-04

Date

Carroll Edwards - Pres

Print Signer's name & title

972-590-5575

Telephone

972-590-5571

Fax

Po Box 299300

Address

Dallas, Tx 75229

City, State, Zip Code

2535 Walnut Hill Lane

Physical Address of Business - if different from above

Dallas, Tx 75229

City, State, Zip Code

IF THE BIDDER BE A CORPORATION, THE FOLLOWING CERTIFICATE SHOULD BE EXECUTED:

I, _____, certify that I am the _____ Secretary of the corporation named as Bidder hereinabove; that _____, who signed the a foregoing contract on behalf of the Bidder, was then _____ of said corporation; that said proposal was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

CORPORATE SECRETARY SIGNATURE AND CORPORATE SEAL